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CVT HYBRID POWERTRAIN FUELING AND ENGINE STOP-START
CONTROL METHOD

ABSTRACT OF THE INVENTION

Methods are provided for controlling the fueling of a motor vehicle and specifically for controlling the cut off of fueling of a hybrid electric motor vehicle during deceleration of that motor vehicle. In a hybrid electric motor vehicle having an internal combustion engine, a motor/generator, and a continuously variable transmission, one embodiment of the method comprises the steps of sensing throttle position of the internal combustion engine and slewing the continuously variable transmission to a higher gear ratio in response to sensing a closed throttle position. The method further comprises the steps of cutting fueling of the internal combustion engine during the deceleration, and coupling the motor/generator in parallel with the internal combustion engine with the motor/generator operating as a generator.